



10039761.101102# 4

Docket No. A-70224
Dorsey Docket No. 467802-00348

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	:	WONG et al.	
Appln. No.	:	10/039,761	
Filed	:	19 October 2001	Group Art Unit : 1623
Title	:	MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE	Examiner : Not yet assigned

**DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION
(37 C.F.R. § 1.63)**

As a below named inventor, I hereby declare that my mailing address and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

the specification of which:

☐ is attached hereto OR

☒ was filed on 19 October 2001 as United States Application Number 10/039,761 or PCT International Application Number and amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information known to me that is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

PRIOR FOREIGN APPLICATION(S)

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PRIOR PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/280,698 (Abandoned)	29 March 2001

POWER OF ATTORNEY

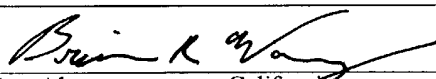
I hereby appoint the Dorsey & Whitney LLP attorneys and agents associated with **Customer Number 32940** to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation.

PLEASE DIRECT ALL CORRESPONDENCE TO:

The address associated with **Customer Number: 32940**, currently:

Name	Robin M. Silva
Address	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187
Telephone	(415) 781-1989
Fax	(415) 398-3249

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor:			
Given Name (First and middle)		Family Name or Surname	
Brian		WONG	
Inventor's Signature			Date: 8-23-2002
Residence	Los Altos	California	94022
	City	State	Zip
Post Office Address	38 Third Street, #207, Los Altos, California 94022		

Second Inventor:		
Given Name (First and middle)		Family Name or Surname
C. Alan		FU
Inventor's Signature	Date:	
Residence	Union City California 94587	Citizenship: Peoples' Republic of China
	City State Zip	
Post Office Address	5127 West Portway, Union City, California 94587	

Third Inventor:		
Given Name (First and middle)		Family Name or Surname
Helena		MANCEBO
Inventor's Signature	Date:	
Residence	San Bruno California 94066	Citizenship: Peoples' Republic of China
	City State Zip	
Post Office Address	4500 Susan Drive, #305, San Bruno, California 94066	

Fourth Inventor:		
Given Name (First and middle)		Family Name or Surname
Xiulan X. Z.		ZHOU
Inventor's Signature	Date: 8/23/02	
Residence	Palo Alto California 94303	Citizenship: Peoples' Republic of China
	City State Zip	
Post Office Address	765 San Antonio Road, Palo Alto, California 94303	



10039761.101102

Attorney Docket No.: A-70224/RMS/DHR
Dorsey & Whitney Matter No.: 467802-00348

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

the specification of which: ☐ is attached hereto.
☒ was filed on: 19 October 2001
as Application No.: 10/039,761
and was amended on: _____ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Foreign Filing Date	Priority Claimed		Certified Copy Attached	
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 32940.

SF-1092394_1

Dorsey & Whitney LLP
Intellectual Property Department
Four Embarcadero Center, Suite 3400
San Francisco, California 94111-4187
(415) 781-1989 (telephone); (415) 398-3249 (facsimile)

Page 1

Attorney Docket No.: A-70224/RMS/DHR
Dorsey & Whitney Matter No.: 467802-00348

Prior Provisional Application(s)

I hereby claim priority under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing	Status
60/280,698	29 March 2001	Abandoned

Prior United States Application(s)

I hereby claim priority under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned

All correspondence and telephone communications should be addressed to Robin M. Silva, Esq. at the address corresponding to Customer Number 32940 currently: Dorsey & Whitney LLP, Intellectual Property Department; Four Embarcadero Center, Suite 3400, San Francisco, California 94111-4187; telephone number (415) 781-1989; facsimile number (415) 398-3249.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Attorney Docket No.: A-70224/RMS/DHR
Dorsey & Whitney Matter No.: 467802-00348

Signature _____ Date _____
Full Name of
First Inventor: WONG Brian
(Family Name) (First Given Name) (Second Given Name)
Citizenship: United States of America
Residence: 38 Third Street, #207
Los Altos, California 94022
Post Office
Address: Same as above

Signature _____ Date 9/20
Full Name of
Second Inventor: FU Chong Alan
(Family Name) (First Given Name) (Second Given Name)
Citizenship: Peoples Republic of China
Residence: 5127 Westport Way
Union City, California 94587
Post Office
Address: Same as above

SF-1092394_1

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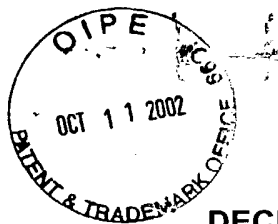
Attorney Docket No.: A-70224/RMS/DHR
Dorsey & Whitney Matter No.: 467802-00348

Signature _____ Date _____
Full Name of
Third Inventor: MANCEBO Helena
(Family Name) (First Given Name) (Second Given Name)
Citizenship: United States of America
Residence: 3901 Riverbend Terrace
Fremont, California 94555
Post Office
Address: Same as above

Signature _____ Date _____
Full Name of
Fourth Inventor: ZHOU Xiulan X. Z.
(Family Name) (First Given Name) (Second Given Name)
Citizenship: Peoples Republic of China
Residence: 765 San Antonio Road
Palo Alto, California 94303
Post Office
Address: Same as above

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			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 32940.

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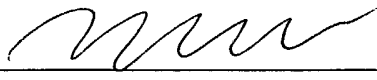
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Signature _____ Date _____
Full Name of
First Inventor: WONG Brian
(Family Name) (First Given Name) (Second Given Name)
Citizenship: United States of America
Residence: 38 Third Street, #207
Los Altos, California 94022
Post Office
Address: Same as above

Signature _____ Date _____
Full Name of
Second Inventor: FU Chong Alan
(Family Name) (First Given Name) (Second Given Name)
Citizenship: Peoples Republic of China
Residence: 5127 Westport Way
Union City, California 94587
Post Office
Address: Same as above

Attorney Docket No.: A-70224/RMS/DHR
Dorsey & Whitney Matter No.: 467802-00348

Signature  Date 9.25.02

Full Name of Third Inventor: MANCEBO Helena
(Family Name) (First Given Name) (Second Given Name)

Citizenship: United States of America

Residence: 3901 Riverbend Terrace
Fremont, California 94555

Post Office Address: Same as above

Signature _____ Date _____

Full Name of Fourth Inventor: ZHOU Xiulan X. Z.
(Family Name) (First Given Name) (Second Given Name)

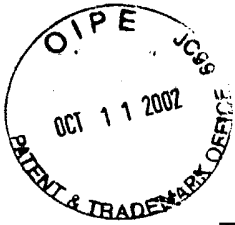
Citizenship: Peoples Republic of China

Residence: 765 San Antonio Road
Palo Alto, California 94303

Post Office Address: Same as above

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San Francisco, California 94111-4187
(415) 781-1989 (telephone); (415) 398-3249 (facsimile)



10039761 101102

POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application for letters patent entitled: MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE, and having the named inventor(s), Brian WONG, Chong Alan FU, Helena MANCEBO and Xiulan X. Z. ZHOU, filed 19 October 2001, as Serial No. 10/039,761 hereby revokes all previous powers of attorney and appoints the following attorneys, the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 32940, and James J. Diehl, Reg. No. 47,527 of RIGEL PHARMACEUTICALS, INC. to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation, said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32; provided that if any one of said attorneys ceases being affiliated with the law firm of DORSEY & WHITNEY LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

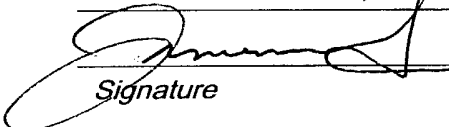
In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Direct all telephone calls to Robin M. Silva at (415) 781-1989.

Address all correspondence to:

Robin M. Silva
DORSEY & WHITNEY LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111-4187

Assignee	RIGEL PHARMACEUTICALS, INC.
Name & Title	<u>James H. Gower</u> <u>Chairman and CEO</u> 240 E. Grand Avenue
Address	South San Francisco, CA 94080
Date	<u>10-03-02</u>
File No.	<u>A-70224/RMS/DHR</u>
Dorsey No.	<u>467802-00348</u>


Signature



ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) C. Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of San Bruno, county of San Mateo, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS,

RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon,

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COPY

including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : Brian R Wong

Brian WONG

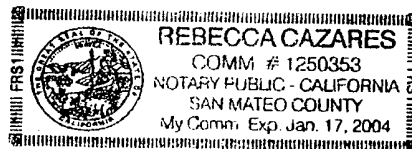
Date : 8-23-2002, 2002

San Mateo
County of ~~Santa Clara~~)
) ss.
State of California)

On this 23rd day of August In the year 2002, before me,
Rebecca Cazares, Notary Public of the State of California
personally appeared Brian WONG, personally known to me (or proved to me on the basis
of satisfactory evidence) to be the person whose name is subscribed to the within
instrument, and acknowledged that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rebecca Cazares



(Seal)

 **COPY**

Signature of Inventor : _____

C. Alan FU

Date : _____, 2002

County of Alameda)
) ss.
 State of California)

On this _____ day of _____ In the year 2002, before me,
 _____, Notary Public of the State of _____,
 personally appeared C. Alan FU, personally known to me (or proved to me on the basis of
 satisfactory evidence) to be the person whose name is subscribed to the within
 instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

 **COPY**

Signature of Inventor : _____

Helena MANCEBO

Date : _____, 2002

County of San Mateo)
 \) ss.
State of California)

On this _____ day of _____ In the year 2002, before me,
_____, Notary Public of the State of _____,
personally appeared Helena MANCEBO, personally known to me (or proved to me on
the basis of satisfactory evidence) to be the person whose name is subscribed to the
within instrument, and acknowledged that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

 **COPY**

Signature of Inventor :



 Xiulan X. Z. Zhou
 (NAME OF INVENTOR)

Date :

8/23, 2002

 County of San Mateo ~~Santa Clara~~

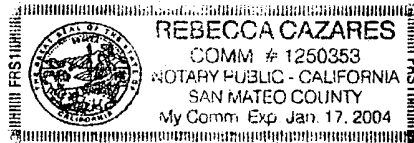
State of California

)
) ss.
)

On this August 23, 2002 day of — In the year 2002, before me,
Rebecca Cazares, Notary Public of the State of California
 personally appeared Xiulan X. Z. ZHOU, personally known to me (or proved to me on
 the basis of satisfactory evidence) to be the person whose name is subscribed to the
 within instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature

(Seal)



10039761 101102

ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) Chong Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of Fremont, county of Alameda, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

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for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public



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use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : _____

Brian WONG

Date : _____, 2002

County of Santa Clara)
) ss.
State of California)

On this _____ day of _____ In the year 2002, before me, _____, Notary Public of the State of _____ personally appeared Brian WONG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

 **COPY**

Signature of Inventor : _____

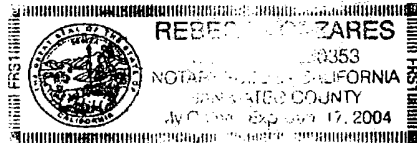
Chong Alan FU

Date : 9/20, 2002County of ~~Alameda~~ San MateoState of California)
) ss.
)

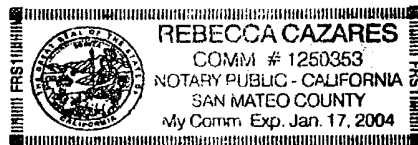
On this 20th day of September In the year 2002, before me, Rebecca Cazares, Notary Public of the State of California, personally appeared Chong Alan FU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

Rebecca Cazares

(Seal)



 **COPY**

Signature of Inventor : _____

Helena MANCEBO

Date : _____, 2002

County of Alameda)
) ss.
 State of California)

On this _____ day of _____ In the year 2002, before me,
 _____, Notary Public of the State of _____,
 personally appeared Helena MANCEBO, personally known to me (or proved to me on
 the basis of satisfactory evidence) to be the person whose name is subscribed to the
 within instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)



Signature of Inventor : _____

Xiulan X. Z. ZHOU

Date : _____, 2002

County of Santa Clara)
) ss.
 State of California)

On this _____ day of _____ In the year 2002, before me,
 _____, Notary Public of the State of _____
 personally appeared Xiulan X. Z. ZHOU, personally known to me (or proved to me on
 the basis of satisfactory evidence) to be the person whose name is subscribed to the
 within instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)



ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) Chong Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of Fremont, county of Alameda, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public



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use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : _____

Brian WONG

Date : _____, 2002

County of Santa Clara)
) ss.
State of California)

On this _____ day of _____ In the year 2002, before me, _____, Notary Public of the State of _____ personally appeared Brian WONG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

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Signature of Inventor : _____

Chong Alan FU

Date : _____, 2002

County of Alameda)
) ss.
State of California)

On this _____ day of _____ In the year 2002, before me,
_____, Notary Public of the State of _____,
personally appeared Chong Alan FU, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within
instrument, and acknowledged that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

**COPY**

Signature of Inventor : _____

Helena MANCEBO

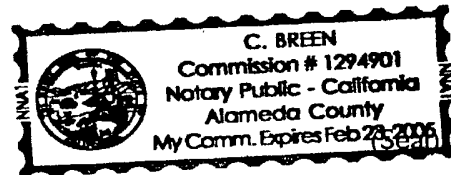
Date : 9 - 26, 2002

County of Alameda)
) ss.
 State of California)

On this 26th day of Sept. In the year 2002, before me,
C. Breen, Notary Public of the State of California,
 personally appeared Helena MANCEBO, personally known to me ~~(or proved to me on~~
~~the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the
 within instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____



 **COPY**

Signature of Inventor : _____

Xiulan X. Z. ZHOU

Date : _____, 2002

County of Santa Clara)
) ss.
 State of California)

On this _____ day of _____ In the year 2002, before me,
 _____, Notary Public of the State of _____
 personally appeared Xiulan X. Z. ZHOU, personally known to me (or proved to me on
 the basis of satisfactory evidence) to be the person whose name is subscribed to the
 within instrument, and acknowledged that he/she executed the same in his/her authorized
 capacity(ies), and that by his/her signature on the instrument the person, or the entity
 upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)